

TITLE**METHOD FOR FORMING IMAGES USING NEGATIVE WORKING IMAGEABLE
ELEMENTS**ABSTRACT

5 A method for forming images useful as lithographic printing plate precursors
is disclosed. An imageable element in which the imageable layer comprises an acid
generator, a crosslinking agent, and a binder is imaged with ultraviolet radiation and
developed with a solvent based developer. The acid generator is an iodonium,
sulfonium, or diazonium salt in which the anion is an organic sulfate or thiosulfate
10 anion. The binder comprises a copolymer that contains a reactive pendent group
capable of undergoing acid crosslinking, in which the reactive pendent group is
hydroxyl, carboxylic acid, sulfonamide, alkoxymethyl, or a mixture thereof. The
method is especially suited for use with direct digital ultraviolet imaging devices.
The resulting image is useful as a lithographic printing plate.